

# Willowridge Construction Birdhouse



Video Tutorial

Willowridge Construction delivers safe, efficient and tailor-made solutions to our industrial clients, primarily in the Heartland region. Our success is derived through the power of our team. We strive for excellence in all that we do. We are a values driven organization, and feel that success is best achieved through surrounding ourselves with collaborative, like-minded partners.



## What's Included

- Wood Pieces
- Finishing Nails
- 1.5" Hole Saw
- Safety Gloves
- Safety Glasses
- Wood Glue
- Sanding Blocks

## What You Will Need

- Tape Measure or Combination Square
- Pencil
- Drill or Drill Press

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## HOLD UP!

Don't forget your personal protective equipment before you start! This includes a mask, safety gloves and glasses.

Did you rock these skills? Talk to your teacher to learn more about

**SkillsXibition** - a chance to test drive more trades and technologies alongside fun industry experts!

## Let's Get to Work!

Begin by lightly labelling each wood piece with a pencil:

Left and Right Sides – 254mm x 152mm (10" x 6") x2

Front and Back – 254mm x 127mm (10" x 5") x 2

Bottom – 127mm x 127mm (5" x 5")

Top – 229mm x 229mm (9" x 9")

**SKILLED TRADE: CARPENTRY**

# Let's Get to Work!

- Step 1 – Take your left and right pieces and glue and nail them to your back piece.
- Step 2 – Take your bottom piece and glue and nail it to the sides and the back of the birdhouse.
- Step 3 – Pick up your front piece, find the center of the piece at the top. Using a square lightly mark a line from the top down, measure down your center line 76mm (3") and make a mark. Drill a 1.5" hole on your mark.
- Step 4 – Now lay your birdhouse down on the back, and on the face edge of your side pieces, measure down and make a mark at 19mm (3/4") on both sides. This will determine where you nail your front piece in place.
- Step 5 – Take your top piece and align the top of it with your marks, glue and nail your piece in place. When you finish this step your birdhouse should be nearly complete, and the front piece should be set 19mm (3/4") lower than the rest of the pieces.

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# Let's Get to Work!

- Step 6 – Stand your piece up on its base, place your top piece on the birdhouse, measure and center it in place. Once centered, hold it firmly in place and trace out the outside of your birdhouse onto the bottom side of the top piece.
- Step 7 – Once traced, remove the top, place glue on the top of the back and side pieces. Take your top piece and place it on the top of your birdhouse, align it to your pencil marks, hold firmly and nail in place.
- Step 8 – Your bird house is now almost complete. Take your piece of 120 grit sandpaper and lightly sand your birdhouse to remove any blemishes in the wood, and to remove your pencil markings. Your birdhouse is now ready to go!
- Step 9- Hang from a tree and watch for your feathered friends to enjoy their new home. You may also want to paint your birdhouse. 😊

**SKILLED TRADE: CARPENTRY**